

1                   **ABSTRACT OF THE DISCLOSURE**

2                   A mechanical crayon pen with an internal cartridge to hold multiple  
3                   crayon sticks has a transparent barrel (10) with an open top, an inner  
4                   diameter and an inner surface, a thrust device (20) mounted inside the  
5                   transparent barrel (10) and a thrust actuator (30) mounted on the open top of  
6                   the transparent barrel (10). The thrust device (20) has an inner tube (21)  
7                   movably mounted inside the transparent barrel (10). The inner tube (21) has  
8                   an outer surface and an outer diameter smaller than the inner diameter of the  
9                   transparent barrel (10) to form a space (13) in the mechanical crayon pen to  
10                  store multiple crayon sticks. Multiple longitudinal grooves may be defined in  
11                  the inner surfaces defining the space (13) to hold individual crayon sticks.